UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350

Report Narrative

DIM0199080

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Report Narrative

The EPA Region 3 Laboratory's Quality System is NELAP accredited. The National Environmental Laboratory Accreditation Program (NELAP) is a voluntary environmental laboratory accreditation association of State and Federal agencies

General Notes:
This report contains results for Inorganic analyses only. All other parameters identified on the chain-of-custody form are included in separate reports. Lab Sample numbers 1202005-05, -06, -19 thru -23, -37 and 1202005-42 are not included in this report since these samples were designated for Volatile Organic analysis only.

For Work Order 1202005 - **This is Report 3 of 3.**

Chain-of-Custody forms are included in Report 1 of 3 for this Work Order.

One sample vial for the VOC analysis was received broken for 1202005-16. One sample bottle for the Oil & Grease analysis was received broken for 1202005-11. Analysis was completed on the remaining vials and bottles

One cooler that contained the samples for 1202005-12 (VOAs only), -13, -20, and -26 was received with the temperature blank vial broken. However, the cooler was packed with ice and the sample containers were cool to the touch All remaining samples were received at proper temperature.

Analytical results for samples by the Orthophosphorus method are not included in this report Instead samples were analyzed using the Total Phosphate method to eliminate any issues with holding times Since the Orthophosphorus method was being used as a screening method to determine the need to analyze the sample by the Total Phosphate method results for Total Phosphate are not impacted..

Samples designated for the analysis of Oil & Grease were received in sample containers inconsistent with the type needed for the routine extraction procedure. Therefore, all samples were extracted using the manual extraction technique

Where applicable, sample results are qualified based on the highest level concentrations of field QC contamination found in the field, equipment, or trip blanks.

Unless otherwise noted below, all required instrument and method QC was run and was within criteria

TSS Analysis Note:
All required instrument QC was run and was within the required criteria

TDS/TSS Analysis Note:
As required for this project, sample results were qualified "B" when the TDS value was less than 10X the value reported for contaminated blanks. All samples with detectable results were qualified "B" due to the field blank (FB16) contamination.

Nitrite/Nitrate and Total Nitrogen Analysis Note: EDIT
Samples were run as an on-demand analysis.

Result for nitrate/nitrite for sample 1202001-44 was qualified estimated 'J' due to the laboratory matrix spike results outside of criteria limits.

Result for total nitrogen for sample 1202001-13 was qualified estimated 'J' due to the laboratory duplicate results outside of criteria limits.

Oil and Grease Analysis Note: EDIT
Samples were run as an on-demand analysis.

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Samples were received in containers not conducive to use on the Horizon SPE-DEX automated system. Therefore, manual extraction technique was used for all samples. Refer to notes in the case file for additional information.

Mercury Analysis Note: EDIT
All required instrument QC was run and was within the required criteria

Total Phosphorus Analyses Note: EDIT
All required instrument QC was run and was within the required criteria

Anions Analysis Note: EDIT
All required instrument QC was run and was within the required criteria

REPORT 3 of 3

DRAFT

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Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Matrix	Date Sampled	Date Received
HW27z-F	1202005-01	Drinking Water	02/13/12 10:38	02/14/12 13:20
HW27-F	1202005-02	Drinking Water	02/13/12 10:37	02/14/12 13:20
HW55-F	1202005-03	Drinking Water	02/13/12 10:21	02/14/12 13:20
FB16-F	1202005-04	Water	02/13/12 09:06	02/14/12 13:20
HW27z	1202005-07	Drinking Water	02/13/12 10:38	02/14/12 13:20
HW27	1202005-08	Drinking Water	02/13/12 10:37	02/14/12 13:20
FB16	1202005-09	Water	02/13/12 09:06	02/14/12 13:20
HW55	1202005-10	Drinking Water	02/13/12 10:21	02/14/12 13:20
HW59	1202005-11	Drinking Water	02/14/12 10:33	02/15/12 10:43
HW11-P	1202005-12	Drinking Water	02/13/12 15:22	02/15/12 10:43
HW11	1202005-13	Drinking Water	02/13/12 15:05	02/15/12 10:43
HW53	1202005-14	Drinking Water	02/13/12 14:57	02/15/12 10:43
HW53-P	1202005-15	Drinking Water	02/13/12 15:17	02/15/12 10:43
FB17	1202005-16	Water	02/14/12 09:09	02/15/12 10:43
HW57-P	1202005-17	Drinking Water	02/14/12 10:31	02/15/12 10:43
HW58	1202005-18	Drinking Water	02/14/12 14:47	02/15/12 10:43
HW59-F	1202005-24	Drinking Water	02/14/12 10:33	02/15/12 10:43
HW11-PF	1202005-25	Drinking Water	02/13/12 15:22	02/15/12 10:43
HW11-F	1202005-26	Drinking Water	02/13/12 15:05	02/15/12 10:43
HW53-F	1202005-27	Drinking Water	02/13/12 14:57	02/15/12 10:43
HW53-PF	1202005-28	Drinking Water	02/13/12 15:17	02/15/12 10:43
HW58-F	1202005-29	Drinking Water	02/14/12 14:47	02/15/12 10:43
FB17-F	1202005-30	Water	02/14/12 09:09	02/15/12 10:43
HW57-PF	1202005-31	Drinking Water	02/14/12 10:31	02/15/12 10:43
HW57-F	1202005-32	Drinking Water	02/14/12 10:07	02/15/12 10:43
HW57	1202005-33	Drinking Water	02/14/12 10:07	02/15/12 10:43

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Site Name: Dimock Residential Groundwater **Project #: DAS R33907**

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Matrix	Date Sampled	Date Received
HW03	1202005-34	Drinking Water	02/14/12 15:18	02/16/12 10:45
HW03-F	1202005-35	Drinking Water	02/14/12 15:18	02/16/12 10:45
HW03z	1202005-36	Drinking Water	02/14/12 15:19	02/16/12 10:45
HW03z-F	1202005-38	Drinking Water	02/14/12 15:19	02/16/12 10:45
FB18	1202005-39	Water	02/15/12 09:45	02/16/12 10:45
HW07	1202005-40	Drinking Water	02/15/12 11:36	02/16/12 10:45
HW07-F	1202005-41	Drinking Water	02/15/12 11:36	02/16/12 10:45
FB18-F	1202005-43	Drinking Water	02/15/12 09:45	02/16/12 10:45

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1202005-01 **Station ID:** HW27z-F **Sample Matrix:** Drinking Water **Collected:** 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 10:53	EPA 245.1/R3QA131
Lab ID: 1202005-02 **Station ID:** HW27-F **Sample Matrix:** Drinking Water **Collected:** 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 10:56	EPA 245.1/R3QA131
Lab ID: 1202005-03 **Station ID:** HW55-F **Sample Matrix:** Drinking Water **Collected:** 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:00	EPA 245.1/R3QA131
Lab ID: 1202005-04 **Station ID:** FB16-F **Sample Matrix:** Water **Collected:** 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:02	EPA 245.1/R3QA131
Lab ID: 1202005-07 **Station ID:** HW27z **Sample Matrix:** Drinking Water **Collected:** 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:04	EPA 245.1/R3QA131

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1202005-08								
Station ID: HW27								
Sample Matrix: Drinking Water								
Collected: 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:10	EPA 245.1/R3QA131
Lab ID: 1202005-09								
Station ID: FB16								
Sample Matrix: Water								
Collected: 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:12	EPA 245.1/R3QA131
Lab ID: 1202005-10								
Station ID: HW55								
Sample Matrix: Drinking Water								
Collected: 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:14	EPA 245.1/R3QA131
Lab ID: 1202005-11								
Station ID: HW59								
Sample Matrix: Drinking Water								
Collected: 02/14/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:16	EPA 245.1/R3QA131
Lab ID: 1202005-12								
Station ID: HW11-P								
Sample Matrix: Drinking Water								
Collected: 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:18	EPA 245.1/R3QA131

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1202005-13 **Station ID:** HW11 **Sample Matrix:** Drinking Water **Collected:** 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:22	EPA 245.1/R3QA131
Lab ID: 1202005-14 **Station ID:** HW53 **Sample Matrix:** Drinking Water **Collected:** 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:26	EPA 245.1/R3QA131
Lab ID: 1202005-15 **Station ID:** HW53-P **Sample Matrix:** Drinking Water **Collected:** 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:34	EPA 245.1/R3QA131
Lab ID: 1202005-16 **Station ID:** FB17 **Sample Matrix:** Water **Collected:** 02/14/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:36	EPA 245.1/R3QA131
Lab ID: 1202005-17 **Station ID:** HW57-P **Sample Matrix:** Drinking Water **Collected:** 02/14/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:38	EPA 245.1/R3QA131

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1202005-18								
Station ID: HW58								
Sample Matrix: Drinking Water								
Collected: 02/14/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:40	EPA 245.1/R3QA131
Lab ID: 1202005-24								
Station ID: HW59-F								
Sample Matrix: Drinking Water								
Collected: 02/14/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:42	EPA 245.1/R3QA131
Lab ID: 1202005-25								
Station ID: HW11-PF								
Sample Matrix: Drinking Water								
Collected: 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:44	EPA 245.1/R3QA131
Lab ID: 1202005-26								
Station ID: HW11-F								
Sample Matrix: Drinking Water								
Collected: 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:46	EPA 245.1/R3QA131
Lab ID: 1202005-27								
Station ID: HW53-F								
Sample Matrix: Drinking Water								
Collected: 02/13/2012								
Mercury	U		0.2	ug/L	1	02/27/12	02/28/12 11:48	EPA 245.1/R3QA131

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1202005-28 **Station ID:** HW53-PF **Sample Matrix:** Drinking Water **Collected:** 02/13/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 10:59	EPA 245.1/R3QA131
Lab ID: 1202005-29 **Station ID:** HW58-F **Sample Matrix:** Drinking Water **Collected:** 02/14/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:02	EPA 245.1/R3QA131
Lab ID: 1202005-30 **Station ID:** FB17-F **Sample Matrix:** Water **Collected:** 02/14/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:06	EPA 245.1/R3QA131
Lab ID: 1202005-31 **Station ID:** HW57-PF **Sample Matrix:** Drinking Water **Collected:** 02/14/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:08	EPA 245.1/R3QA131
Lab ID: 1202005-32 **Station ID:** HW57-F **Sample Matrix:** Drinking Water **Collected:** 02/14/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:10	EPA 245.1/R3QA131

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1202005-33								
Station ID: HW57								
Sample Matrix: Drinking Water								
Collected: 02/14/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:16	EPA 245.1/R3QA131
Lab ID: 1202005-34								
Station ID: HW03								
Sample Matrix: Drinking Water								
Collected: 02/14/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:18	EPA 245.1/R3QA131
Lab ID: 1202005-35								
Station ID: HW03-F								
Sample Matrix: Drinking Water								
Collected: 02/14/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:22	EPA 245.1/R3QA131
Lab ID: 1202005-36								
Station ID: HW03z								
Sample Matrix: Drinking Water								
Collected: 02/14/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:26	EPA 245.1/R3QA131
Lab ID: 1202005-38								
Station ID: HW03z-F								
Sample Matrix: Drinking Water								
Collected: 02/14/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:30	EPA 245.1/R3QA131

Site Name: Dimock Residential Groundwater **Project #: DAS R33907**

Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1202005-39								
Station ID: FB18								
Sample Matrix: Water								
Collected: 02/15/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:32	EPA 245.1/R3QA131
Lab ID: 1202005-40								
Station ID: HW07								
Sample Matrix: Drinking Water								
Collected: 02/15/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:34	EPA 245.1/R3QA131
Lab ID: 1202005-41								
Station ID: HW07-F								
Sample Matrix: Drinking Water								
Collected: 02/15/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:40	EPA 245.1/R3QA131
Lab ID: 1202005-43								
Station ID: FB18-F								
Sample Matrix: Drinking Water								
Collected: 02/15/2012								
Mercury	U		0.2	ug/L	1	02/29/12	03/01/12 11:42	EPA 245.1/R3QA131

Site Name: Dimock Residential Groundwater **Project #:** DAS R33907

QC Data
Total Metals

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BB22403 - Mercury 245.1/245.2/7470a Prep										
Blank (BB22403-BLK1)				Prepared: 02/27/12 10:45			Analyzed: 02/28/12 10:47			
Mercury	U	0.2	ug/L							
Blank (BB22403-BLK2)				Prepared: 02/27/12 10:45			Analyzed: 02/28/12 11:20			
Mercury	U	0.2	ug/L							
LCS (BB22403-BS1)				Prepared: 02/27/12 10:45			Analyzed: 02/28/12 10:49			
Mercury	1.916	0.2	ug/L	2.0000		96	85-115			
Duplicate (BB22403-DUP1)		Source: 1202005-01		Prepared: 02/27/12 10:45			Analyzed: 02/28/12 10:55			
Mercury	U	0.2	ug/L		U				20	
Duplicate (BB22403-DUP2)		Source: 1202005-13		Prepared: 02/27/12 10:45			Analyzed: 02/28/12 11:24			
Mercury	U	0.2	ug/L		U				20	
Matrix Spike (BB22403-MS1)		Source: 1202005-02		Prepared: 02/27/12 10:45			Analyzed: 02/28/12 10:58			
Mercury	2.003	0.2	ug/L	2.0000	U	100	70-130			
Matrix Spike (BB22403-MS2)		Source: 1202005-14		Prepared: 02/27/12 10:45			Analyzed: 02/28/12 11:28			
Mercury	1.937	0.2	ug/L	2.0000	U	97	70-130			
Batch BB22803 - Mercury 245.1/245.2/7470a Prep										
Blank (BB22803-BLK1)				Prepared: 02/29/12 10:15			Analyzed: 03/01/12 10:53			
Mercury	U	0.2	ug/L							
Blank (BB22803-BLK2)				Prepared: 02/29/12 10:15			Analyzed: 03/01/12 11:20			
Mercury	U	0.2	ug/L							

Site Name: Dimock Residential Groundwater **Project #: DAS R33907**

QC Data
Total Metals

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BB22803 - Mercury 245.1/245.2/7470a Prep										
LCS (BB22803-BS1)				Prepared: 02/29/12 10:15			Analyzed: 03/01/12 10:56			
Mercury	1.896	0.2	ug/L	2.0000		95	85-115			
Duplicate (BB22803-DUP1)		Source: 1202005-28		Prepared: 02/29/12 10:15			Analyzed: 03/01/12 11:00			
Mercury	U	0.2	ug/L		U				20	
Duplicate (BB22803-DUP2)		Source: 1202005-35		Prepared: 02/29/12 10:15			Analyzed: 03/01/12 11:24			
Mercury	U	0.2	ug/L		U				20	
Matrix Spike (BB22803-MS1)		Source: 1202005-29		Prepared: 02/29/12 10:15			Analyzed: 03/01/12 11:04			
Mercury	1.928	0.2	ug/L	2.0000	U	96	70-130			
Matrix Spike (BB22803-MS2)		Source: 1202005-36		Prepared: 02/29/12 10:15			Analyzed: 03/01/12 11:28			
Mercury	1.963	0.2	ug/L	2.0000	U	98	70-130			

Site Name: Dimock Residential Groundwater **Project #: DAS R33907**

Notes and Definitions

%REC	Percent Recovery
RPD	Relative Percent Difference
U	Analyte included in the analysis, but not detected at or above the quantitation limit.

Quantitation Limit: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis

REPORTING PROTOCOL FOR SOLID SAMPLE RESULTS: Percent Solids (percent dry wt at 105 degrees C) determinations are routinely performed for most organic and inorganic analyses. Consequently, these samples are analyzed wet and converted to a dry weight result for reporting purposes. If metals and mercury analyses are requested, they are routinely prepared for analyses by an initial drying at 60 degrees C, homogenized prior to digestion, and are analyzed and reported on a dry weight basis. Oil-type samples are analyzed and reported on a wet weight basis for all analyses because of the nature of the sample matrix. Any exceptions to this protocol will be noted in the narrative.

Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
	Total Mercury by 245.1	(Water)	Special Units: (ug/L)
1202005-01	Total Mercury by 245.1		Status is Analyzed
1202005-02	Total Mercury by 245.1		Status is Analyzed
1202005-03	Total Mercury by 245.1		Status is Analyzed
1202005-04	Total Mercury by 245.1		Status is Analyzed
1202005-07	Total Mercury by 245.1		Status is Analyzed
1202005-08	Total Mercury by 245.1		Status is Analyzed
1202005-09	Total Mercury by 245.1		Status is Analyzed
1202005-10	Total Mercury by 245.1		Status is Analyzed
1202005-11	Total Mercury by 245.1		Status is Analyzed
1202005-12	Total Mercury by 245.1		Status is Analyzed
1202005-13	Total Mercury by 245.1		Status is Analyzed
1202005-14	Total Mercury by 245.1		Status is Analyzed
1202005-15	Total Mercury by 245.1		Status is Analyzed
1202005-16	Total Mercury by 245.1		Status is Analyzed
1202005-17	Total Mercury by 245.1		Status is Analyzed
1202005-18	Total Mercury by 245.1		Status is Analyzed
1202005-24	Total Mercury by 245.1		Status is Analyzed
1202005-25	Total Mercury by 245.1		Status is Analyzed
1202005-26	Total Mercury by 245.1		Status is Analyzed
1202005-27	Total Mercury by 245.1		Status is Analyzed
1202005-28	Total Mercury by 245.1		Status is Analyzed
1202005-29	Total Mercury by 245.1		Status is Analyzed
1202005-30	Total Mercury by 245.1		Status is Analyzed
1202005-31	Total Mercury by 245.1		Status is Analyzed
1202005-32	Total Mercury by 245.1		Status is Analyzed
1202005-33	Total Mercury by 245.1		Status is Analyzed
1202005-34	Total Mercury by 245.1		Status is Analyzed
1202005-35	Total Mercury by 245.1		Status is Analyzed
1202005-36	Total Mercury by 245.1		Status is Analyzed
1202005-38	Total Mercury by 245.1		Status is Analyzed
1202005-39	Total Mercury by 245.1		Status is Analyzed
1202005-40	Total Mercury by 245.1		Status is Analyzed
1202005-41	Total Mercury by 245.1		Status is Analyzed
1202005-43	Total Mercury by 245.1		Status is Analyzed

Tube	Sample Name	Sample Type	Weight	Volume	Dilution
S:1	Calibration Blank	Standard	1.00	1.00	1.00
S:2	Standard #1 (.0.2)	Standard	1.00	1.00	1.00
S:3	Standard #2 (0.5)	Standard	1.00	1.00	1.00
S:4	Standard #3 (1.0)	Standard	1.00	1.00	1.00
S:5	Standard #4 (2.0)	Standard	1.00	1.00	1.00
S:6	Standard #5 (3.0)	Standard	1.00	1.00	1.00
S:7	Standard #6 (5.0)	Standard	1.00	1.00	1.00
S:5	ICV	ICV	1.00	1.00	1.00
S:1	ICB	ICB	1.00	1.00	1.00
1:1	LCS	LCS	1.00	1.00	1.00
S:5	CCV	CCV	1.00	1.00	1.00
S:1	CCB	CCB	1.00	1.00	1.00
1:2	Method Blank 1	Method Blank	1.00	1.00	1.00
1:3	QC Spike 1	QC Spike	1.00	1.00	1.00
1:4	0.2 std as sample	Unknown	1.00	1.00	1.00
1:5	1202005-01	Unknown	1.00	1.00	1.00
1:6	1202005-01dup	Duplicate	1.00	1.00	1.00
1:7	1202005-02	Unknown	1.00	1.00	1.00
1:8	1202005-02spike	Matrix Spike	1.00	1.00	1.00
1:9	1202005-03	Unknown	1.00	1.00	1.00
1:10	1202005-04	Unknown	1.00	1.00	1.00
1:11	1202005-07	Unknown	1.00	1.00	1.00
S:5	CCV	CCV	1.00	1.00	1.00
S:1	CCB	CCB	1.00	1.00	1.00
1:12	1202005-08	Unknown	1.00	1.00	1.00
1:13	1202005-09	Unknown	1.00	1.00	1.00
1:14	1202005-10	Unknown	1.00	1.00	1.00
1:15	1202005-11	Unknown	1.00	1.00	1.00
1:16	1202005-12	Unknown	1.00	1.00	1.00
1:17	Method Blank 2	Method Blank	1.00	1.00	1.00
1:18	1202005-13	Unknown	1.00	1.00	1.00
1:19	1202005-13dup	Duplicate	1.00	1.00	1.00
1:20	1202005-14	Unknown	1.00	1.00	1.00
1:21	1202005-14spike	Matrix Spike	1.00	1.00	1.00
S:5	CCV	CCV	1.00	1.00	1.00
S:1	CCB	CCB	1.00	1.00	1.00
1:22	1202005-15	Unknown	1.00	1.00	1.00
1:23	1202005-16	Unknown	1.00	1.00	1.00
1:24	1202005-17	Unknown	1.00	1.00	1.00
1:25	1202005-18	Unknown	1.00	1.00	1.00
1:26	1202005-24	Unknown	1.00	1.00	1.00
1:27	1202005-25	Unknown	1.00	1.00	1.00
1:28	1202005-26	Unknown	1.00	1.00	1.00
1:29	1202005-27	Unknown	1.00	1.00	1.00
S:5	CCV	CCV	1.00	1.00	1.00
S:1	CCB	CCB	1.00	1.00	1.00

Qmock WO 1202005

2/28/12

CETAC Hg Analysis Report

Analyst: Mercury Analyzer
Worksheet file: C:\Program Files\QuickTrace\Worksheets\Dimock 11th.wsz
Date Started: 2/27/2012 12:51:43 PM
Comment:

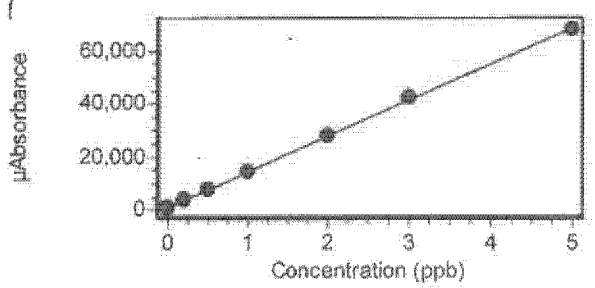
Results

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol
							ODF	
Calibration Blank	STD	02/28/12 10:22:56 am	0.0000	1044	1.56		1.00	1.
							1.00	
Standard #1 (.0.2)	STD	02/28/12 10:24:54 am	0.2000	3797	0.34		1.00	1.
							1.00	
Standard #2 (0.5)	STD	02/28/12 10:26:52 am	0.5000	7964	0.40		1.00	1.
							1.00	
Standard #3 (1.0)	STD	02/28/12 10:28:50 am	1.0000	14853	0.64		1.00	1.
							1.00	
Standard #4 (2.0)	STD	02/28/12 10:30:50 am	2.0000	28555	0.51		1.00	1.
							1.00	
Standard #5 (3.0)	STD	02/28/12 10:32:50 am	3.0000	42468	0.16		1.00	1.
							1.00	
Standard #6 (5.0)	STD	02/28/12 10:34:50 am	5.0000	68531	1.80		1.00	1.
							1.00	

DRAFT

Calibration

Equation: A = 1249.903 + 13543.840C
R2: 0.99982
SEE: 363.0060
Flags:



ICV	ICV	02/28/12 10:36:50 am	2.0450	28945	0.14		1.00	1.
% Recovery 102.24							1.00	
ICB	ICB	02/28/12 10:38:47 am	-0.0130	1074	0.77		1.00	1.
							1.00	
LCS	LCS	02/28/12 10:40:44 am	1.9900	28201	0.86		1.00	1.
% Recovery 99.50							1.00	

Dimock WO 1202005
Susquco 2/28/12

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt. ODF	Vol.
CCV	CCV	02/28/12 10:42:43 am	2.0540	29068	0.37		1.00	1.(
% Recovery 102.70							1.00	
CCB	CCB	02/28/12 10:44:40 am	-0.0138	1063	1.25		1.00	1.(
							1.00	
Method Blank 1	MB	02/28/12 10:46:37 am	-0.0132	1071	0.53		1.00	1.(
							1.00	
QC Spike 1	SPK	02/28/12 10:48:35 am	1.9160	27206	0.29		1.00	1.(
% Recovery 96.48							1.00	
0.2 std as sample TV=0.2 0.440/.2 x100 = 91%	UNK	02/28/12 10:50:33 am	0.1940	3877	0.40		1.00	1.(
							1.00	
1202005-01	UNK	02/28/12 10:52:31 am	-0.0143	1056	0.24		1.00	1.(
							1.00	
1202005-01dup	DUP	02/28/12 10:54:30 am	-0.0129	1075	0.41		1.00	1.(
RPD 0.00							1.00	
1202005-02	UNK	02/28/12 10:56:28 am	-0.0142	1058	0.75		1.00	1.(
							1.00	
1202005-02spike	MSK	02/28/12 10:58:27 am	2.0030	28374	0.46		1.00	1.(
% Recovery 100.85							1.00	
1202005-03	UNK	02/28/12 11:00:27 am	-0.0131	1073	0.22		1.00	1.(
							1.00	
1202005-04	UNK	02/28/12 11:02:26 am	-0.0132	1071	0.13		1.00	1.(
							1.00	
1202005-07	UNK	02/28/12 11:04:26 am	-0.0133	1070	0.21		1.00	1.(
							1.00	
CCV	CCV	02/28/12 11:06:25 am	2.0750	29347	0.56		1.00	1.(
% Recovery 103.73							1.00	
CCB	CCB	02/28/12 11:08:22 am	-0.0121	1086	0.60		1.00	1.(
							1.00	
1202005-08	UNK	02/28/12 11:10:23 am	-0.0131	1072	0.46		1.00	1.(
							1.00	
1202005-09	UNK	02/28/12 11:12:19 am	-0.0144	1054	0.37		1.00	1.(
							1.00	
1202005-10	UNK	02/28/12 11:14:16 am	-0.0152	1044	0.72		1.00	1.(
							1.00	

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Dimock WO 1202005

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Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol. ODF
1202005-11	UNK	02/28/12 11:16:13 am	-0.0139	1061	0.55		1.00	1.00
1202005-12	UNK	02/28/12 11:18:11 am	-0.0145	1054	0.28		1.00	1.00
Method Blank 2	MB	02/28/12 11:20:09 am	-0.0150	1047	0.67		1.00	1.00
1202005-13	UNK	02/28/12 11:22:07 am	-0.0150	1046	0.20		1.00	1.00
1202005-13dup RPD 0.00	DUP	02/28/12 11:24:05 am	-0.0140	1060	0.29		1.00	1.00
1202005-14	UNK	02/28/12 11:26:04 am	-0.0144	1055	0.55		1.00	1.00
1202005-14spike % Recovery 97.54	MSK	02/28/12 11:28:03 am	1.9370	27478	0.26		1.00	1.00
CCV % Recovery 104.41	CCV	02/28/12 11:30:02 am	2.0880	29532	0.54		1.00	1.00
CCB	CCB	02/28/12 11:31:59 am	-0.0114	1096	0.12		1.00	1.00
1202005-15	UNK	02/28/12 11:33:58 am	-0.0137	1064	0.41		1.00	1.00
1202005-16	UNK	02/28/12 11:35:58 am	-0.0136	1066	0.17		1.00	1.00
1202005-17	UNK	02/28/12 11:37:58 am	-0.0133	1069	0.18		1.00	1.00
1202005-18	UNK	02/28/12 11:39:55 am	-0.0138	1063	0.44		1.00	1.00
1202005-24	UNK	02/28/12 11:41:52 am	-0.0129	1076	0.19		1.00	1.00
1202005-25	UNK	02/28/12 11:43:49 am	-0.0125	1080	0.93		1.00	1.00
1202005-26	UNK	02/28/12 11:45:46 am	-0.0142	1057	0.45		1.00	1.00
1202005-27	UNK	02/28/12 11:47:44 am	-0.0128	1076	0.54		1.00	1.00

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Dimock WO 1202005

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol.
							ODF	
CCV	CCV	02/28/12 11:49:43 am	2.0500	29009	0.50		1.00	1.0
% Recovery 102.48							1.00	
CCB	CCB	02/28/12 11:51:40 am	-0.0116	1092	0.34		1.00	1.0
							1.00	

Dimock WO 1202005
Lucjan 2/28/12

DRAFT

Analysis Parameters

Instrument M-7500 Mercury Analyzer

Conditions

Gas flow (mL/min)	Sample Uptake (s)	Rinse (s)	Read delay (s)	Replicates (#)	Replicate time (s)	Pump speed (%)	Wavelength (nm)
135	40.00	70.00	40.00	4	3.50	100	253.65

Instrumental Zero

Zero before first sample: No

Zero periodically: Yes

Before each calibration.

Baseline Correction

#1 Start time (s)	#1 End time (s)	#2 Start time (s)	#2 End time (s)
10.00	17.00	95.00	100.00

Standby Mode

Enabled: Yes

Standby Options: pump off, lamp off

Autodilution

Enabled: No

Condition:

Tube # range:

If no autodilution tubes remaining

DRAFT

Calibration

Settings

Algorithm	Through blank	Weighted fit	Cal. Type	Racalibration rate	Reslope rate	Reslope standard
Linear	No	No	Normal	0	0	N/A

Limits

Calibration slope		Reslope		Coeff. of Determination
Lower (%)	Upper (%)	Lower (%)	Upper (%)	
20	150	75	125	0.99500

Error action: Flag and continue

QC

GLP Override: Yes

QC Tests

Dimock WO# 1202005

CCB

Concentration (ppb)
0.2000

Failure flag: Q

Error action for manually inserted QC: Flag and continue

ICB

Concentration (ppb)
0.2000

Failure flag: Z

Error action for manually inserted QC: Flag and continue

CCV

Concentration (ppb)	Low Limit %	High Limit %
2.0000	90.0000	110.0000

Failure flag: Q

Error action for manually inserted QC: Flag and continue

ICV

Concentration (ppb)	Low Limit %	High Limit %
2.0000	95.0000	105.0000

Failure flag: Q

Error action for manually inserted QC: Flag and continue

DRAFT

LCS

Concentration (ppb)	Low Limit %	High Limit %
2.0000	90.0000	110.0000

Failure flag: L

Error action for manually inserted QC: Flag and continue

DUP

Concentration (ppb)	Low Limit (ppb)	High Limit (ppb)	RPD
5.0000	0.0000	5.0000	20.0000

Failure flag: D

Error action for manually inserted QC: Flag and continue

SPK

Concentration (ppb)	Low Limit %	High Limit %	Min Rec	Sample µAbs
2.0000	85.0000	115.0000	50.0000	0.0000

Failure flag: W

Error action for manually inserted QC: Flag and continue

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MSK

Concentration (ppb)	Low Limit %	High Limit %
2.0000	70.0000	130.0000

Failure flag: N

Error action for manually inserted QC: Stop analysis

MB

Concentration (ppb)
0.0005

Failure flag: Z

Error action for manually inserted QC: Flag and continue

Dimock WO 1202005

DRAFT

S:1	Calibration Blank	Standard	1.00	1.00	1.00
S:2	Standard #1 (.0.2)	Standard	1.00	1.00	1.00
S:3	Standard #2 (0.5)	Standard	1.00	1.00	1.00
S:4	Standard #3 (1.0)	Standard	1.00	1.00	1.00
S:5	Standard #4 (2.0)	Standard	1.00	1.00	1.00
S:6	Standard #5 (3.0)	Standard	1.00	1.00	1.00
S:7	Standard #6 (5.0)	Standard	1.00	1.00	1.00
S:5	ICV	ICV	1.00	1.00	1.00
S:1	ICB	ICB	1.00	1.00	1.00
1:1	LCS	LCS	1.00	1.00	1.00
S:5	CCV	CCV	1.00	1.00	1.00
S:1	CCB	CCB	1.00	1.00	1.00
1:2	Method Blank 1	Method Blank	1.00	1.00	1.00
1:3	QC Spike 1	QC Spike	1.00	1.00	1.00
1:4	0.2 std as sample	Unknown	1.00	1.00	1.00
1:5	1202005-28	Unknown	1.00	1.00	1.00
1:6	1202005-28dup	Duplicate	1.00	1.00	1.00
1:7	1202005-29	Unknown	1.00	1.00	1.00
1:8	1202005-29spike	Matrix Spike	1.00	1.00	1.00
1:9	1202005-30	Unknown	1.00	1.00	1.00
1:10	1202005-31	Unknown	1.00	1.00	1.00
1:11	1202005-32	Unknown	1.00	1.00	1.00
S:5	CCV	CCV	1.00	1.00	1.00
S:1	CCB	CCB	1.00	1.00	1.00
1:12	1202005-33	Unknown	1.00	1.00	1.00
1:13	1202005-34	Unknown	1.00	1.00	1.00
1:14	Method Blank 2	Method Blank	1.00	1.00	1.00
1:15	1202005-35	Unknown	1.00	1.00	1.00
1:16	1202005-35dup	Duplicate	1.00	1.00	1.00
1:17	1202005-36	Unknown	1.00	1.00	1.00
1:18	1202005-36spike	QC Spike	1.00	1.00	1.00
1:19	1202005-38	Unknown	1.00	1.00	1.00
1:20	1202005-39	Unknown	1.00	1.00	1.00
1:21	1202005-40	Unknown	1.00	1.00	1.00
S:5	CCV	CCV	1.00	1.00	1.00
S:1	CCB	CCB	1.00	1.00	1.00
1:22	1202005-41	Unknown	1.00	1.00	1.00
1:23	1202005-43	Unknown	1.00	1.00	1.00
S:5	CCV	CCV	1.00	1.00	1.00
S:1	CCB	CCB	1.00	1.00	1.00

DRAFT

WO - 1202005

3/1/12

CETAC Hg Analysis Report

Analyst: Mercury Analyzer
Worksheet file: C:\Program Files\QuickTrace\Worksheets\Dimock 12th.wsz
Date Started: 3/1/2012 8:18:24 AM
Comment:

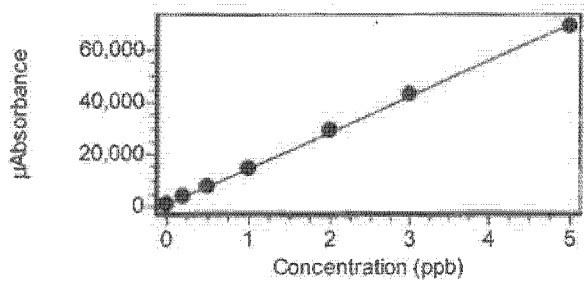
Results

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol. ODF
Calibration Blank	STD	03/01/12 10:28:55 am	0.0000	1107	2.14		1.00	1.0
							1.00	
Standard #1 (.0.2)	STD	03/01/12 10:30:52 am	0.2000	3926	0.54		1.00	1.0
							1.00	
Standard #2 (0.5)	STD	03/01/12 10:32:51 am	0.5000	8029	0.28		1.00	1.0
							1.00	
Standard #3 (1.0)	STD	03/01/12 10:34:49 am	1.0000	15190	0.47		1.00	1.0
							1.00	
Standard #4 (2.0)	STD	03/01/12 10:36:49 am	2.0000	29572	0.59		1.00	1.0
							1.00	
Standard #5 (3.0)	STD	03/01/12 10:38:49 am	3.0000	43001	0.19		1.00	1.0
							1.00	
Standard #6 (5.0)	STD	03/01/12 10:40:50 am	5.0000	69283	2.51		1.00	1.0
							1.00	

DRAFT

Calibration

Equation: A = 1413.615 + 13693.340C
R2: 0.99962
SEE: 531.9211
Flags:



ICV	ICV	03/01/12 10:42:49 am	2.0660	29698	1.43		1.00	1.0
% Recovery 103.28							1.00	
ICB	ICB	03/01/12 10:44:46 am	-0.0199	1141	1.10		1.00	1.0
							1.00	
LCS	LCS	03/01/12 10:46:43 am	1.9990	28783	1.75		1.00	1.0
% Recovery 99.94							1.00	

Dimock WO 1202005

3/1/12

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol. ODF
CCV	CCV	03/01/12 10:48:43 am	2.0300	29208	0.20		1.00	1.0
% Recovery 101.49							1.00	
CCB	CCB	03/01/12 10:50:40 am	-0.0197	1143	0.44		1.00	1.0
							1.00	
Method Blank 1	MB	03/01/12 10:52:37 am	-0.0090	1291	0.42		1.00	1.0
							1.00	
QC Spike 1	SPK	03/01/12 10:54:34 am	1.8960	27377	0.37		1.00	1.0
% Recovery 95.25							1.00	
0.2 std as sample TV=0.20 0.1924/0.20 x100 = 96%	UNK	03/01/12 10:56:32 am	0.1924	4049	1.55		1.00	1.0
							1.00	
1202005-28	UNK	03/01/12 10:58:30 am	-0.0090	1290	0.34		1.00	1.0
							1.00	
1202005-28dup	DUP	03/01/12 11:00:29 am	-0.0093	1286	0.44	D	1.00	1.0
RPD 0.00							1.00	
1202005-29	UNK	03/01/12 11:02:28 am	-0.0093	1286	0.34		1.00	1.0
							1.00	
1202005-29spike	MSK	03/01/12 11:04:27 am	1.9280	27819	0.37		1.00	1.0
% Recovery 96.89							1.00	
1202005-30	UNK	03/01/12 11:06:26 am	-0.0083	1300	0.37		1.00	1.0
							1.00	
1202005-31	UNK	03/01/12 11:08:26 am	-0.0091	1289	0.44		1.00	1.0
							1.00	
1202005-32	UNK	03/01/12 11:10:26 am	-0.0068	1321	0.20		1.00	1.0
							1.00	
CCV	CCV	03/01/12 11:12:25 am	2.0270	29164	0.46		1.00	1.0
% Recovery 101.33							1.00	
CCB	CCB	03/01/12 11:14:22 am	-0.0206	1131	0.31		1.00	1.0
							1.00	
1202005-33	UNK	03/01/12 11:16:22 am	0.1449	3398	0.33		1.00	1.0
							1.00	
1202005-34	UNK	03/01/12 11:18:19 am	-0.0110	1263	0.37		1.00	1.0
							1.00	
Method Blank 2	MB	03/01/12 11:20:16 am	-0.0224	1106	0.45		1.00	1.0
							1.00	

DRAFT

Dimock WO 1202005

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Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt. ODF	Vol.
1202005-35	UNK	03/01/12 11:22:13 am	-0.0233	1095	0.25		1.00 1.00	1.(
1202005-35dup RPD 0.00	DUP	03/01/12 11:24:10 am	-0.0223	1108	0.45		1.00 1.00	1.(
1202005-36	UNK	03/01/12 11:26:08 am	-0.0228	1101	0.29		1.00 1.00	1.(
1202005-36spike % Recovery 99.27	SPK	03/01/12 11:28:06 am	1.9630	28287	0.36		1.00 1.00	1.(
1202005-38	UNK	03/01/12 11:30:05 am	-0.0238	1087	0.19		1.00 1.00	1.(
1202005-39	UNK	03/01/12 11:32:03 am	-0.0220	1113	0.30		1.00 1.00	1.(
1202005-40	UNK	03/01/12 11:34:02 am	-0.0229	1100	0.20		1.00 1.00	1.(
CCV % Recovery 101.27	CCV	03/01/12 11:36:02 am	2.0250	29148	0.57		1.00 1.00	1.(
CCB	CCB	03/01/12 11:37:58 am	-0.0217	1117	0.56		1.00 1.00	1.(
1202005-41	UNK	03/01/12 11:39:58 am	-0.0238	1088	0.50		1.00 1.00	1.(
1202005-43	UNK	03/01/12 11:41:57 am	-0.0244	1079	0.54		1.00 1.00	1.(
CCV % Recovery 99.75	CCV	03/01/12 11:43:57 am	1.9950	28731	1.33		1.00 1.00	1.(
CCB	CCB	03/01/12 11:45:53 am	-0.0201	1138	0.19		1.00 1.00	1.(

DRAFT

Dimock WO 1202008
[illegible] 3/1/12

Analysis Parameters

Instrument M-7500 Mercury Analyzer

Conditions

Gas flow (mL/min)	Sample Uptake (s)	Rinse (s)	Read delay (s)	Replicates (#)	Replicate time (s)	Pump speed (%)	Wavelength (nm)
135	40.00	70.00	40.00	4	3.50	100	253.65

Instrumental Zero

Zero before first sample: No

Zero periodically: Yes

Before each calibration.

Baseline Correction

#1 Start time (s)	#1 End time (s)	#2 Start time (s)	#2 End time (s)
10.00	17.00	95.00	100.00

Standby Mode

Enabled: Yes

Standby Options: pump off, lamp off

Autodilution

Enabled: No

Condition:

Tube # range:

If no autodilution tubes remaining

DRAFT

Calibration

Settings

Algorithm	Through blank	Weighted fit	Cal. Type	Recalibration rate	Reslope rate	Reslope standard
Linear	No	No	Normal	0	0	N/A

Limits

Calibration slope		Reslope		Coeff. of Determination
Lower (%)	Upper (%)	Lower (%)	Upper (%)	
20	150	75	125	0.99500

Error action: Flag and continue

QC

GLP Override: Yes

QC Tests

Dimock WO 1207005

CCB

Concentration (ppb)
0.2000

Failure flag: Q

Error action for manually inserted QC: Flag and continue

ICB

Concentration (ppb)
0.2000

Failure flag: Z

Error action for manually inserted QC: Flag and continue

CCV

Concentration (ppb)	Low Limit %	High Limit %
2.0000	90.0000	110.0000

Failure flag: Q

Error action for manually inserted QC: Flag and continue

ICV

Concentration (ppb)	Low Limit %	High Limit %
2.0000	95.0000	105.0000

DRAFT

Failure flag: Q

Error action for manually inserted QC: Flag and continue

LCS

Concentration (ppb)	Low Limit %	High Limit %
2.0000	90.0000	110.0000

Failure flag: L

Error action for manually inserted QC: Flag and continue

DUP

Concentration (ppb)	Low Limit (ppb)	High Limit (ppb)	RPD
5.0000	0.0000	5.0000	20.0000

Failure flag: D

Error action for manually inserted QC: Flag and continue

SPK

Concentration (ppb)	Low Limit %	High Limit %	Min Rec	Sample µAbs
2.0000	85.0000	115.0000	50.0000	0.0000

Failure flag: W

Error action for manually inserted QC: Flag and continue

Dimock WD 1203005

MSK

Concentration (ppb)	Low Limit %	High Limit %
2.0000	70.0000	130.0000

Failure flag: N

Error action for manually inserted QC: Stop analysis

MB

Concentration (ppb)
0.0005

Failure flag: Z

Error action for manually inserted QC: Flag and continue

Dimock WO 1202005

DRAFT

EPA OASQA MERCURY SAMPLE, REAGENT/STANDARD PREPARATION LOG PNB186

BB22403 **bch_mercury.rpt**

Project:	**DAS R33907**	**Location:**	**Analyst**
Work Order No:	**1202005**	**Client:**	**OSWER - Emergency Response**
Site Name:	**Dimock Residential Groundwater**	**Account#:**	**2012T03N303DC6A3TARS0(**
Analysis:	**Total Mercury by 245.1**		
Matrix:	**Water**	**Method/SOP:**	**EPA 245.1/R3QA131**

Comments from WO: Dimock 11th

DRAFT

EPA OASQA MERCURY SAMPLE, REAGENT/STANDARD, PREPARATION LOG PNB186		
~~Analyst:~~ Sinfreo	~~NOTE: Solid samples are dried and prepared according to SOP 155~~ unless otherwise noted.	~~Certificate of Analysis Log #~~ ~~SNB14~~
Sample Prep Date(s): 2/27/12	5 ppb Standard and BS/MS spike wkg stock: 1ppm, date made: 11/4/12 SF; Mfr: Env Exp 1001119 Barcode: 12612 Exp. date: 12/11; (1 µl of 1000ppm added to 100 ml DI water)	Pipets Log# SNB16; Balance Log# SNB14
SOP R3-QA131	Second Source wkg stock (SCV): 1ppm date made: 11/8/11 SF; Mfr: Spex 16-81 Barcode: 12738 Exp. date: 4/15/12; (1 µl of 1000ppm added to 100 ml DI water)	DI Water Resistivity >18 (MΩcm) (Y) / N; Pipets Calibrated? (Y) / N
Hotblock / (Waterbath)		Reagent purity correct (Y) / N
Time/Temp start: 10:45am 96.2 °C	SRM ID: NA Barcode:	BS and MS spike units = µl
Time/Temp stop: 12:45pm 94.5 °C		
Dilution Water: volume 200 mls (not digested) blank standard	5ppb Standard: volume 100 mls (not digested); Vol. of 1ppm soln added 500 µl	Second Source (SCV): volume 100 mls; Vol of 1ppm soln added 200 µl (not digested)
Date: 2/28/12	0.2, 0.5, 1.0, 2.0, 3.0, 5.0 working standards - (not digested)	(Weight) / Volume

HNO_3 Vendor: Fisher	H_2SO_4 Vendor: Fisher	HCl Vendor: Fisher; Barcode: 12729	$KMnO_4$ Vendor: VWR/BDH
Barcode: 11156	Barcode: 11805	10 % rinse; Date/Init: 2/24/11 SF	Barcode: 12666
K_2S_2O Vendor: Mallinkrodt	$SnCl_2$ Vendor: Aqua Solutions	NaCl Vendor: Fox Pure	$NH_2OH{\cdot}HCl$ Vendor: Fisher
Barcode: 5866; Date/Init: 2/22/12 SF	Barcode: 11025; Date/Init: 2/24/12 SF	Barcode: 11017; Date/Init: 2/15/12 SF	Barcode: 12668; Date/Init: 2/15/12 SF

DIM0199080 DIM0199126

EPA OASQA MERCURY SAMPLE, REAGENT/STANDARD PREPARATION LOG PNB186

BB22403 bch_mercury.rpt

Dimack II

LabNumber	Cont ID	Sample Type	pH	Initial (mL)	Final (mL)	Spike1	Spike1 Amount µl	Spike2	Spike2 Amount µl	SourceID	ExtractionComments	Observations
1202005-01	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-02	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-03	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-04	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-07	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-08	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-09	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-10	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-11	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-12	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-13	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-14	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-15	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-16	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-17	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-18	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-24	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-25	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-26	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-27	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
BB22403-BLK1				25	25					-		

EPA OASQA MERCURY SAMPLE, REAGENT/STANDARD PREPARATION LOG PNB186

BB22403 **bch_mercury.rpt**

Diluck 11th

BB22403-BLK2				25	25					-		
BB22403-BS1				25	25	0700077	50			-		
BB22403-DUP1				25	25					1202005-01		
BB22403-DUP2				25	25					1202005-13		
BB22403-MS1				25	25	0700077	50	✓		1202005-02		
BB22403-MS2				25	25	0700077	50	2		1202005-14		

EPA OASQA MERCURY SAMPLE, REAGENT/STANDARD PREPARATION LOG PNB186

BB22803 **bch_mercury.rpt**

Project: DAS R33907

Work Order No: 1202005

Site Name: Dimock Residential Groundwater

Analysis: Total Mercury by 245.1

Matrix: Water

Location: Analyst EPA #3 Shelf 2C

Client: OSWER - Emergency Response

Account#: 2012T03N303DC6A3TARS0(

Method/SOP: EPA 245.1/R3QA131

DRAFT

Comments from WO: Dimock 12th

EPA OASQA MERCURY SAMPLE, REAGENT/STANDARD, PREPARATION LOG PNB186

~~Analyst:~~ Surfuces	~~NOTE: Solid samples are dried and prepared according to SOP 155~~ unless otherwise noted.		~~Certificate of Analysis Log #~~ ~~SNB14~~
Sample Prep Date(s): 2/29/12	5 ppb Standard and BS/MS spike wkg stock: 1ppm, date made: 1/4/12 SJ; Mfr: EnvExp 100119 Barcode: 12612 Exp. date: 12/11; (1 µl of 1000ppm added to 100 ml DI water)		Pipets Log# SNB16; Balance Log# SNB14
SOP R3-QA131	Second Source wkg stock (SCV): 1ppm date made: 11/8/11 SJ; Mfr: Spex 16-81 Barcode: 12738 Exp. date: 4/15/12; (1 µl of 1000ppm added to 100 ml DI water)		DI Water Resistivity >18 (MΩcm) (Y)/N; Pipets Calibrated? (Y)/N
Hotblock / (Waterbath)			Reagent purity correct (Y)/N
Time/Temp start: 10:15am / 94.3 °C	SRM ID: NA	Barcode:	BS and MS spike units = µl
Time/Temp stop: 12:15pm / 95.0 °C			
Dilution Water: volume 200 mls (not digested) blank standard	5ppb Standard: volume 100 mls (not digested); Vol. of 1ppm soln added 500 µl		Second Source (SCV): volume 100 mls; Vol of 1ppm soln added 200 µl (not digested)
Date: 3/1/12	0.2, 0.5, 1.0, 2.0, 3.0, 5.0 working standards - (not digested)		(Weight) / Volume

HNO_3 Vendor: Fisher	H_2SO_4 Vendor: Fisher	HCl Vendor: Fisher Barcode: 12729	$KMnO_4$ Vendor: BDH/VWR
Barcode: 11156	Barcode: 11805	10 % rinse Date/Init: 2/22/12 SJ	Barcode: 12666
K_2S_2O Vendor: Mallinckrodt	$SnCl_2$ Vendor: Aqua Solutions	NaCl Vendor: Fox Pure	$NH_2OH \cdot HCl$ Vendor: Fisher
Barcode: 5866 Date/Init: 2/22/12 SJ	Barcode: 11025 Date/Init: 2/24/12 SJ, 3/1/12 SJ	Barcode: 11017 Date/Init: 2/15/12 SJ	Barcode: 12068 Date/Init: 2/15/12 SJ

EPA OASQA MERCURY SAMPLE, REAGENT/STANDARD PREPARATION LOG PNB186

BB22803 bch_mercury.rpt

LabNumber	Cont ID	Sample Type	pH	Initial (mL)	Final (mL)	Spike1	Spike1 Amount µl	Spike2	Spike2 Amount µl	SourceID	ExtractionComments	Observations
1202005-28	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-29	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-30	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-31	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-32	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-33	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	discolored 4/23/11
1202005-34	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-35	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-36	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-38	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-39	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-40	D	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-41	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
1202005-43	A	SAM		25	25						71/71 Drinking Water (Total/Dissolved)	
BB22803-BLK1				25	25					-		
BB22803-BLK2				25	25					-		
BB22803-BS1				25	25	0700077	50			-		
BB22803-DUP1				25	25					1202005-28		
BB22803-DUP2				25	25					1202005-35		
BB22803-MS1				25	25	0700077	50			1202005-29		
BB22803-MS2				25	25	0700077	50			1202005-36		

WORK ORDER Printed: 2/24/2012 3:09:10PM

1202005

U.S. EPA Region 3 - FOR INTERNAL USE ONLY

Client:	**OSWER - Emergency Response**	**Project Manager:**	**Cindy Caporale**
Project:	**DAS R33907**	**Site Name:**	**Dimock Residential Groundwater**
Final Report Due:	**03/08/2012**	**Acct#:**	**2012T03N303DC6A3TARS00**

Report To:
Client Project Manager: Rich Fetzer
Email: fetzer.richard@epa.gov
Phone: (610) 861-2087
Fax: -

Project/WO Comments
Unvalidated data = 7 days (refer to Special Instructions)
Validated data = 21 days

Shelf
Analyst
EPA #3 Shelf 1B
EPA #3 Shelf 1C
EPA #3 Shelf 1D
EPA #3 Shelf 2B
EPA #3 Shelf 2C
EPA #3 Shelf 2D
EPA #3 Shelf 8B
EPA #5 VOA

Received By: Kevin Martin
Date Received: 02/14/12 13:20
Temperature Samples Received at 3°C
Custody Seals Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirmed Yes
Received On Ice Yes
Radiation Checked Yes

DRAFT

ESAT INFO ONLY
Preliminary Report Due Date _____
ESAT Due Date _____
_____Complete _____Not Complete
_____Need TDF _____TDF #

Sample# 1202005-01
Sample Name: HW27z-F
Sample Type: SAM
Total Mercury by 245.1

Lab\Report Matrix Water\Drinking Water
Date Sampled 02/13/12 10:38
Expires: 03/12/12 10:38
Analysis Comments: 71/71 Drinking Water (Total/Dissolved)
Sample Comments:

Sample Logged In: 02/14/12 14:58
Sample Received: 02/14/12 13:20
Received

Sample# 1202005-02
Sample Name: HW27-F
Sample Type: SAM
Total Mercury by 245.1

Lab\Report Matrix Water\Drinking Water
Date Sampled 02/13/12 10:37
Expires: 03/12/12 10:37
Analysis Comments: 71/71 Drinking Water (Total/Dissolved)
Sample Comments:

Sample Logged In: 02/14/12 14:58
Sample Received: 02/14/12 13:20
Received

Sample# 1202005-03
Sample Name: HW55-F
Sample Type: SAM
Total Mercury by 245.1

Lab\Report Matrix Water\Drinking Water
Date Sampled 02/13/12 10:21
Expires: 03/12/12 10:21
Analysis Comments: 71/71 Drinking Water (Total/Dissolved)
Sample Comments:

Sample Logged In: 02/14/12 14:58
Sample Received: 02/14/12 13:20
Received

Sample#	1202005-04	**Lab\Report Matrix**	Water\Water	**Sample Logged In:**	02/14/12 14:58
Sample Name:	FB16-F	**Date Sampled**	02/13/12 09:06	**Sample Received:**	02/14/12 13:20
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 09:06	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-07	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/14/12 14:58
Sample Name:	HW27z	**Date Sampled**	02/13/12 10:38	**Sample Received:**	02/14/12 13:20
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 10:38	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-08	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/14/12 14:58
Sample Name:	HW27	**Date Sampled**	02/13/12 10:37	**Sample Received:**	02/14/12 13:20
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 10:37	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-09	**Lab\Report Matrix**	Water\Water	**Sample Logged In:**	02/14/12 14:58
Sample Name:	FB16	**Date Sampled**	02/13/12 09:06	**Sample Received:**	02/14/12 13:20
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 09:06	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-10	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/14/12 14:58
Sample Name:	HW55	**Date Sampled**	02/13/12 10:21	**Sample Received:**	02/14/12 13:20
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 10:21	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:	QC for VOCs and SVOCs		

Sample#	1202005-11	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW59	**Date Sampled**	02/14/12 10:33	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 10:33	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:	One 1L container broken for the O&G analysis when received		

Sample#	1202005-12	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW11-P	**Date Sampled**	02/13/12 15:22	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 15:22	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-13	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW11	**Date Sampled**	02/13/12 15:05	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 15:05	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-14	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW53	**Date Sampled**	02/13/12 14:57	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 14:57	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-15	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW53-P	**Date Sampled**	02/13/12 15:17	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 15:17	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-16	**Lab\Report Matrix**	Water\Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	FB17	**Date Sampled**	02/14/12 09:09	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 09:09	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:	**One 40mL vial broken for the VOC analysis when received**		

Sample#	1202005-17	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW57-P	**Date Sampled**	02/14/12 10:31	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 10:31	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-18	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW58	**Date Sampled**	02/14/12 14:47	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 14:47	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

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Sample#	1202005-24	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW59-F	**Date Sampled**	02/14/12 10:33	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 10:33	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-25	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW11-PF	**Date Sampled**	02/13/12 15:22	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 15:22	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-26	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW11-F	**Date Sampled**	02/13/12 15:05	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 15:05	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-27	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW53-F	**Date Sampled**	02/13/12 14:57	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 14:57	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-28	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW53-PF	**Date Sampled**	02/13/12 15:17	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/12/12 15:17	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-29	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW58-F	**Date Sampled**	02/14/12 14:47	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 14:47	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-30	**Lab\Report Matrix**	Water\Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	FB17-F	**Date Sampled**	02/14/12 09:09	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 09:09	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

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Sample#	1202005-31	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW57-PF	**Date Sampled**	02/14/12 10:31	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 10:31	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-32	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW57-F	**Date Sampled**	02/14/12 10:07	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 10:07	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-33	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/15/12 13:11
Sample Name:	HW57	**Date Sampled**	02/14/12 10:07	**Sample Received:**	02/15/12 10:43
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 10:07	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:	QC for VOCs and SVOCs		

Sample#	1202005-34	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/16/12 11:05
Sample Name:	HW03	**Date Sampled**	02/14/12 15:18	**Sample Received:**	02/16/12 10:45
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 15:18	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-35	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/16/12 11:05
Sample Name:	HW03-F	**Date Sampled**	02/14/12 15:18	**Sample Received:**	02/16/12 10:45
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 15:18	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-36	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/16/12 11:05
Sample Name:	HW03z	**Date Sampled**	02/14/12 15:19	**Sample Received:**	02/16/12 10:45
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 15:19	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-38	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/16/12 11:05
Sample Name:	HW03z-F	**Date Sampled**	02/14/12 15:19	**Sample Received:**	02/16/12 10:45
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/13/12 15:19	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-39	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/16/12 11:05
Sample Name:	FB18	**Date Sampled**	02/15/12 09:45	**Sample Received:**	02/16/12 10:45
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/14/12 09:45	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-40	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/16/12 11:05
Sample Name:	HW07	**Date Sampled**	02/15/12 11:36	**Sample Received:**	02/16/12 10:45
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/14/12 11:36	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

DRAFT

Sample#	1202005-41	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/16/12 11:05
Sample Name:	HW07-F	**Date Sampled**	02/15/12 11:36	**Sample Received:**	02/16/12 10:45
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/14/12 11:36	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			

Sample#	1202005-43	**Lab\Report Matrix**	Water\Drinking Water	**Sample Logged In:**	02/16/12 11:05
Sample Name:	FB18-F	**Date Sampled**	02/15/12 09:45	**Sample Received:**	02/16/12 10:45
Sample Type:	SAM				
Total Mercury by 245.1		**Expires:**	03/14/12 09:45	**Received**	
		Analysis Comments:	71/71 Drinking Water (Total/Dissolved)		
		Sample Comments:			